001657

[ENGLISH TRANSLATION]

Washington, D.C., October 1, 1998

Excellency:

I have the honor to refer to the Agreement between the Government of the United Mexican States and the Government of the United States of America concerning the assignment of frequencies and use of the 2500 to 2686 MHz band along the Mexico-United States border, signed at Querétaro, Mexico on the 11th of August 1992.

In this regard, and according to the understandings reached during the bilateral meeting of the High Telecommunications Authorities, held in this City on September 11th of 1998, I propose to Her Excellency the following amendments to the above mentioned Agreement.

PREAMBLE

1. The current wording is replaced by the following:

"The Government of the United Mexican States and the Government of the United States of America, hereafter The Parties, recognizing the sovereign right of both countries to manage their telecommunication, taking into account the provisions of Article 42 of the Constitution of the International Telecommunication Union, Geneva, 1992, and according to Article 7 of the Radio Regulations, (1994 Edition) considered an annex to the above mentioned Constitution and in order to establish the conditions for the assignment of frequencies and use of the 2500 to 2686 MHz band along the common border."

ARTICLE II

1. The following reference is substituted in Paragraph 1:

"(1994 Edition)" for "(1982 Edition)"

2. In paragraph 2, delete the following:

"Dirección General de Normas de Sistemas de Difusión de 1a"

ARTICLE IV

1. The following phrase is added at the beginning of Paragraph 4:

"For stations using analog systems ..."

In addition, at the end of Paragraph 4 the reference "± 1000Hz" is replaced by "±500Hz".

ARTICLE VI

1. Paragraph 1 is replaced by the following:

"1. A station does not require coordination with the other Administration if the power flux density (PFD) of its signal at the border does not exceed -70 dBW/sq m for analog systems and -80 dBW/sq m for digital

systems and the proper polarization and frequency offset are observed.

Computation of the PFD shall be based on free space calculation:

$PFD = EIRP - 10\log 4\pi r^2$;

where EIRP is in dBW and r is distance from antenna in meters.

Free space loss = $32.45 + 20\log D + 20\log F$;

where D is in kilometers and F is in MHz.

where: EIRP is the power relative to an isotropic radiator in dBW at the azimuth of interest.

The EIRP for analog systems refers to the envelope power at the peak of the synchronizing pulses of the television video signal.

In the case of a digital system, the EIRP values refer to the average power in a 6 MHz digital channel.

Other established and mutually agreeable methods can be used when evaluating a situation which is <u>not</u> line of sight."

2. Paragraph 3 is modified as follows:

"3. A station requires prior coordination by the Administrations if the PFD of the station's signal at the border exceeds the value of -70 dBW/sq m for analog systems and -80 dBW/sq m for digital systems or if any of the parameters listed in paragraph 3 or 4 of Article IV above are not observed. In these cases, the criteria specified in Annex 6 will be considered in the evaluation of the proposed station. An Administration shall successfully coordinate with the other Administration such a proposed assignment before bringing a station into service. The request for coordination shall be sent by registered mail and include the information listed in paragraph 2 above."

ANNEX 2

We understand that Annex 2 is revised as follows:

ANNEX 3

Because of printing problems in Spanish in Annex 3, Annex 3 must be replaced as follows:

ANNEX 4

We understand that Annex 4 is revised as follows:

ANNEX 6

The following Annex 6 is added:

ANNEX 6
PROTECTION RATIOS

"For systems that do not meet the designated PFD limits or the technical parameters outlined in paragraphs 3 and 4 of Article IV of the Agreement, the following carrier to interference ratios shall be used for determining the potential for interference:

C/I Ratio in dB	Channel Relation
+45	Digital into Analog - co-channel
+21	Analog into Digital - co-channel
+30	Digital into Digital - co-channel
0	Adjacent Digital into Analog
-37	Adjacent Analog into Digital
-32	Adjacent Digital into Digital
+45	Analog into Analog - co-channel no offset
+28	Analog into Analog - co-channel with offset
0	Adjacent Analog into Analog

Until reliable data is available regarding the protection of the analog or digital systems from other digital or analog systems, the above C/I ratios will apply."

If the above proposals are acceptable to the Government of the United States of America, this Note and your affirmative response will, in accordance with the provisions of Article IX of the Agreement, constitute an Agreement between the Government of the United Mexican States and the Government of the United States of America, which will enter into force on the date on which both governments notify each other that they have completed their respective legislative requirements.

I avail myself of this opportunity to renew to Your Excellency the assurances of my highest consideration.

Jesús Reyes Heroles
Ambassador